

# Bart N Lambrecht

## List of Publications by Citations

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416  
papers

35,132  
citations

99  
h-index

175  
g-index

487  
ext. papers

42,033  
ext. citations

11.3  
avg, IF

7.64  
L-index

#	Paper	IF	Citations
416	The immunology of asthma. <i>Nature Immunology</i> , <b>2015</b> , 16, 45-56	19.1	986
415	House dust mite allergen induces asthma via Toll-like receptor 4 triggering of airway structural cells. <i>Nature Medicine</i> , <b>2009</b> , 15, 410-6	50.5	835
414	Alum adjuvant boosts adaptive immunity by inducing uric acid and activating inflammatory dendritic cells. <i>Journal of Experimental Medicine</i> , <b>2008</b> , 205, 869-82	16.6	722
413	Alveolar macrophages develop from fetal monocytes that differentiate into long-lived cells in the first week of life via GM-CSF. <i>Journal of Experimental Medicine</i> , <b>2013</b> , 210, 1977-92	16.6	698
412	FlowSOM: Using self-organizing maps for visualization and interpretation of cytometry data. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , <b>2015</b> , 87, 636-45	4.6	660
411	Essential role of lung plasmacytoid dendritic cells in preventing asthmatic reactions to harmless inhaled antigen. <i>Journal of Experimental Medicine</i> , <b>2004</b> , 200, 89-98	16.6	660
410	Conventional and monocyte-derived CD11b(+) dendritic cells initiate and maintain T helper 2 cell-mediated immunity to house dust mite allergen. <i>Immunity</i> , <b>2013</b> , 38, 322-35	32.3	614
409	The airway epithelium in asthma. <i>Nature Medicine</i> , <b>2012</b> , 18, 684-92	50.5	608
408	In vivo depletion of lung CD11c+ dendritic cells during allergen challenge abrogates the characteristic features of asthma. <i>Journal of Experimental Medicine</i> , <b>2005</b> , 201, 981-91	16.6	522
407	Dendritic cells and epithelial cells: linking innate and adaptive immunity in asthma. <i>Nature Reviews Immunology</i> , <b>2008</b> , 8, 193-204	36.5	497
406	Cutting edge: alum adjuvant stimulates inflammatory dendritic cells through activation of the NALP3 inflammasome. <i>Journal of Immunology</i> , <b>2008</b> , 181, 3755-9	5.3	481
405	Specific migratory dendritic cells rapidly transport antigen from the airways to the thoracic lymph nodes. <i>Journal of Experimental Medicine</i> , <b>2001</b> , 193, 51-60	16.6	475
404	Unsupervised High-Dimensional Analysis Aligns Dendritic Cells across Tissues and Species. <i>Immunity</i> , <b>2016</b> , 45, 669-684	32.3	474
403	Extracellular ATP triggers and maintains asthmatic airway inflammation by activating dendritic cells. <i>Nature Medicine</i> , <b>2007</b> , 13, 913-9	50.5	473
402	Inflammatory dendritic cells--not basophils--are necessary and sufficient for induction of Th2 immunity to inhaled house dust mite allergen. <i>Journal of Experimental Medicine</i> , <b>2010</b> , 207, 2097-111	16.6	468
401	Barrier Epithelial Cells and the Control of Type 2 Immunity. <i>Immunity</i> , <b>2015</b> , 43, 29-40	32.3	467
400	Emerging role of damage-associated molecular patterns derived from mitochondria in inflammation. <i>Trends in Immunology</i> , <b>2011</b> , 32, 157-64	14.4	466

399	The function of Fcγ receptors in dendritic cells and macrophages. <i>Nature Reviews Immunology</i> , <b>2014</b> , 14, 94-108	36.5	415
398	Bone marrow-derived monocytes give rise to self-renewing and fully differentiated Kupffer cells. <i>Nature Communications</i> , <b>2016</b> , 7, 10321	17.4	404
397	Myeloid dendritic cells induce Th2 responses to inhaled antigen, leading to eosinophilic airway inflammation. <i>Journal of Clinical Investigation</i> , <b>2000</b> , 106, 551-9	15.9	390
396	Farm dust and endotoxin protect against allergy through A20 induction in lung epithelial cells. <i>Science</i> , <b>2015</b> , 349, 1106-10	33.3	374
395	Clearance of influenza virus from the lung depends on migratory langerin+CD11b- but not plasmacytoid dendritic cells. <i>Journal of Experimental Medicine</i> , <b>2008</b> , 205, 1621-34	16.6	370
394	The Cytokines of Asthma. <i>Immunity</i> , <b>2019</b> , 50, 975-991	32.3	340
393	Yolk Sac Macrophages, Fetal Liver, and Adult Monocytes Can Colonize an Empty Niche and Develop into Functional Tissue-Resident Macrophages. <i>Immunity</i> , <b>2016</b> , 44, 755-68	32.3	334
392	Proteomic analysis of exosomes isolated from human malignant pleural effusions. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2004</b> , 31, 114-21	5.7	314
391	Interleukin-1β controls allergic sensitization to inhaled house dust mite via the epithelial release of GM-CSF and IL-33. <i>Journal of Experimental Medicine</i> , <b>2012</b> , 209, 1505-17	16.6	306
390	Taking our breath away: dendritic cells in the pathogenesis of asthma. <i>Nature Reviews Immunology</i> , <b>2003</b> , 3, 994-1003	36.5	300
389	Sustained desensitization to bacterial Toll-like receptor ligands after resolution of respiratory influenza infection. <i>Journal of Experimental Medicine</i> , <b>2008</b> , 205, 323-9	16.6	297
388	Biology of lung dendritic cells at the origin of asthma. <i>Immunity</i> , <b>2009</b> , 31, 412-24	32.3	290
387	Proteomic analysis of exosomes secreted by human mesothelioma cells. <i>American Journal of Pathology</i> , <b>2004</b> , 164, 1807-15	5.8	289
386	Computational flow cytometry: helping to make sense of high-dimensional immunology data. <i>Nature Reviews Immunology</i> , <b>2016</b> , 16, 449-62	36.5	278
385	An unexpected role for uric acid as an inducer of T helper 2 cell immunity to inhaled antigens and inflammatory mediator of allergic asthma. <i>Immunity</i> , <b>2011</b> , 34, 527-40	32.3	276
384	Mechanism of action of clinically approved adjuvants. <i>Current Opinion in Immunology</i> , <b>2009</b> , 21, 23-9	7.8	271
383	Dendritic cells are crucial for maintenance of tertiary lymphoid structures in the lung of influenza virus-infected mice. <i>Journal of Experimental Medicine</i> , <b>2009</b> , 206, 2339-49	16.6	252
382	Tertiary lymphoid organs in infection and autoimmunity. <i>Trends in Immunology</i> , <b>2012</b> , 33, 297-305	14.4	241

381	Lung dendritic cells in respiratory viral infection and asthma: from protection to immunopathology. <i>Annual Review of Immunology</i> , <b>2012</b> , 30, 243-70	34.7	234
380	A20 (TNFAIP3) deficiency in myeloid cells triggers erosive polyarthritis resembling rheumatoid arthritis. <i>Nature Genetics</i> , <b>2011</b> , 43, 908-12	36.3	216
379	GATA3-driven Th2 responses inhibit TGF-beta1-induced FOXP3 expression and the formation of regulatory T cells. <i>PLoS Biology</i> , <b>2007</b> , 5, e329	9.7	210
378	Local application of FTY720 to the lung abrogates experimental asthma by altering dendritic cell function. <i>Journal of Clinical Investigation</i> , <b>2006</b> , 116, 2935-44	15.9	204
377	Allergens and the airway epithelium response: gateway to allergic sensitization. <i>Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 134, 499-507	11.5	203
376	The ubiquitin-editing protein A20 prevents dendritic cell activation, recognition of apoptotic cells, and systemic autoimmunity. <i>Immunity</i> , <b>2011</b> , 35, 82-96	32.3	197
375	The immunology of the allergy epidemic and the hygiene hypothesis. <i>Nature Immunology</i> , <b>2017</b> , 18, 1076-1083	19.0	195
374	Alum adjuvant: some of the tricks of the oldest adjuvant. <i>Journal of Medical Microbiology</i> , <b>2012</b> , 61, 927-934	3.4	195
373	Pulmonary lymphoid neogenesis in idiopathic pulmonary arterial hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2012</b> , 185, 311-21	10.2	194
372	The role of dendritic and epithelial cells as master regulators of allergic airway inflammation. <i>Lancet, The</i> , <b>2010</b> , 376, 835-43	4.0	194
371	Division of labor between lung dendritic cells and macrophages in the defense against pulmonary infections. <i>Mucosal Immunology</i> , <b>2013</b> , 6, 464-73	9.2	187
370	Perinatal Activation of the Interleukin-33 Pathway Promotes Type 2 Immunity in the Developing Lung. <i>Immunity</i> , <b>2016</b> , 45, 1285-1298	32.3	187
369	Stellate Cells, Hepatocytes, and Endothelial Cells Imprint the Kupffer Cell Identity on Monocytes Colonizing the Liver Macrophage Niche. <i>Immunity</i> , <b>2019</b> , 51, 638-654.e9	32.3	184
368	The pathophysiology of happy hypoxemia in COVID-19. <i>Respiratory Research</i> , <b>2020</b> , 21, 198	7.3	179
367	The pathogenesis of pulmonary fibrosis: a moving target. <i>European Respiratory Journal</i> , <b>2013</b> , 41, 1207-18	3.6	172
366	Increased IL-17A expression in granulomas and in circulating memory T cells in sarcoidosis. <i>Rheumatology</i> , <b>2012</b> , 51, 37-46	3.9	172
365	Alveolar macrophage in the driver's seat. <i>Immunity</i> , <b>2006</b> , 24, 366-8	32.3	170
364	Role of IL-1β and the Nlrp3/caspase-1/IL-1α axis in cigarette smoke-induced pulmonary inflammation and COPD. <i>European Respiratory Journal</i> , <b>2011</b> , 38, 1019-28	13.6	168

363	Dual Role of IL-22 in allergic airway inflammation and its cross-talk with IL-17A. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2011</b> , 183, 1153-63	10.2	167
362	Altered expression of epithelial junctional proteins in atopic asthma: possible role in inflammation. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>2008</b> , 86, 105-12	2.4	167
361	Genes associated with common variable immunodeficiency: one diagnosis to rule them all?. <i>Journal of Medical Genetics</i> , <b>2016</b> , 53, 575-90	5.8	166
360	Enhancement of adaptive immunity by the human vaccine adjuvant AS01 depends on activated dendritic cells. <i>Journal of Immunology</i> , <b>2014</b> , 193, 1920-30	5.3	163
359	U-BIOPRED clinical adult asthma clusters linked to a subset of sputum omics. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 139, 1797-1807	11.5	163
358	The unfolded-protein-response sensor IRE-1 $\beta$ regulates the function of CD8 $\beta$ dendritic cells. <i>Nature Immunology</i> , <b>2014</b> , 15, 248-57	19.1	162
357	Activation of the D prostanoid 1 receptor suppresses asthma by modulation of lung dendritic cell function and induction of regulatory T cells. <i>Journal of Experimental Medicine</i> , <b>2007</b> , 204, 357-67	16.6	158
356	IRF8 Transcription Factor Controls Survival and Function of Terminally Differentiated Conventional and Plasmacytoid Dendritic Cells, Respectively. <i>Immunity</i> , <b>2016</b> , 45, 626-640	32.3	157
355	Prostaglandin D2 inhibits airway dendritic cell migration and function in steady state conditions by selective activation of the D prostanoid receptor 1. <i>Journal of Immunology</i> , <b>2003</b> , 171, 3936-40	5.3	157
354	Induction of rapid T cell activation, division, and recirculation by intratracheal injection of dendritic cells in a TCR transgenic model. <i>Journal of Immunology</i> , <b>2000</b> , 164, 2937-46	5.3	157
353	Emerging functions of the unfolded protein response in immunity. <i>Nature Immunology</i> , <b>2014</b> , 15, 910-9	19.1	156
352	Association Between Administration of IL-6 Antagonists and Mortality Among Patients Hospitalized for COVID-19: A Meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , <b>2021</b> , 326, 499-518	27.4	154
351	A rapid flow cytometric method for determining the cellular composition of bronchoalveolar lavage fluid cells in mouse models of asthma. <i>Journal of Immunological Methods</i> , <b>2004</b> , 288, 111-21	2.5	153
350	Activation of peroxisome proliferator-activated receptor-gamma in dendritic cells inhibits the development of eosinophilic airway inflammation in a mouse model of asthma. <i>American Journal of Pathology</i> , <b>2004</b> , 164, 263-71	5.8	151
349	Endogenously produced substance P contributes to lymphocyte proliferation induced by dendritic cells and direct TCR ligation. <i>European Journal of Immunology</i> , <b>1999</b> , 29, 3815-25	6.1	148
348	C-kit-positive cells accumulate in remodeled vessels of idiopathic pulmonary arterial hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2011</b> , 184, 116-23	10.2	147
347	Osteopontin has a crucial role in allergic airway disease through regulation of dendritic cell subsets. <i>Nature Medicine</i> , <b>2007</b> , 13, 570-8	50.5	146
346	Mitochondrial Priming by CD28. <i>Cell</i> , <b>2017</b> , 171, 385-397.e11	56.2	144

345	Coronavirus disease 2019 in patients with inborn errors of immunity: An international study. <i>Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 147, 520-531	11.5	142
344	Contribution of the PD-1 ligands/PD-1 signaling pathway to dendritic cell-mediated CD4+ T cell activation. <i>European Journal of Immunology</i> , <b>2006</b> , 36, 2472-82	6.1	141
343	Important research questions in allergy and related diseases: nonallergic rhinitis: a GA2LEN paper. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2008</b> , 63, 842-53	9.3	137
342	Division of labor between dendritic cell subsets of the lung. <i>Mucosal Immunology</i> , <b>2008</b> , 1, 442-50	9.2	135
341	Protective effect of <i>Schistosoma mansoni</i> infection on allergic airway inflammation depends on the intensity and chronicity of infection. <i>Journal of Allergy and Clinical Immunology</i> , <b>2007</b> , 120, 932-40	11.5	134
340	The who, where, and when of IgE in allergic airway disease. <i>Journal of Allergy and Clinical Immunology</i> , <b>2012</b> , 129, 635-45	11.5	133
339	An anti-inflammatory role for plasmacytoid dendritic cells in allergic airway inflammation. <i>Journal of Immunology</i> , <b>2009</b> , 183, 1074-82	5.3	132
338	Mesothelioma environment comprises cytokines and T-regulatory cells that suppress immune responses. <i>European Respiratory Journal</i> , <b>2006</b> , 27, 1086-95	13.6	129
337	pH-degradable imidazoquinoline-ligated nanogels for lymph node-focused immune activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 8098-103	11.5	126
336	The danger within: endogenous danger signals, atopy and asthma. <i>Clinical and Experimental Allergy</i> , <b>2009</b> , 39, 12-9	4.1	124
335	MACVIA-ARIA Sentinel Network for allergic rhinitis (MASK-rhinitis): the new generation guideline implementation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 70, 1372-92	9.3	123
334	Allergen-induced accumulation of airway dendritic cells is supported by an increase in CD31(hi)Ly-6C(neg) bone marrow precursors in a mouse model of asthma. <i>Blood</i> , <b>2002</b> , 100, 3663-71	2.2	121
333	Inflammatory Type 2 cDCs Acquire Features of cDC1s and Macrophages to Orchestrate Immunity to Respiratory Virus Infection. <i>Immunity</i> , <b>2020</b> , 52, 1039-1056.e9	32.3	120
332	CCR2(+)CD103(-) intestinal dendritic cells develop from DC-committed precursors and induce interleukin-17 production by T cells. <i>Mucosal Immunology</i> , <b>2015</b> , 8, 327-39	9.2	118
331	Designing polymeric particles for antigen delivery. <i>Chemical Society Reviews</i> , <b>2011</b> , 40, 320-39	58.5	116
330	MeDALL (Mechanisms of the Development of ALLergy): an integrated approach from phenotypes to systems medicine. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2011</b> , 66, 596-604	9.3	115
329	Protein crystallization promotes type 2 immunity and is reversible by antibody treatment. <i>Science</i> , <b>2019</b> , 364,	33.3	114
328	Polymeric multilayer capsule-mediated vaccination induces protective immunity against cancer and viral infection. <i>ACS Nano</i> , <b>2012</b> , 6, 2136-49	16.7	113

327	Blockade of CCR4 in a humanized model of asthma reveals a critical role for DC-derived CCL17 and CCL22 in attracting Th2 cells and inducing airway inflammation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2009</b> , 64, 995-1002	9.3	112
326	Recent progress in the biology of airway dendritic cells and implications for understanding the regulation of asthmatic inflammation. <i>Journal of Allergy and Clinical Immunology</i> , <b>2006</b> , 118, 331-6	11.5	112
325	The Transcription Factor ZEB2 Is Required to Maintain the Tissue-Specific Identities of Macrophages. <i>Immunity</i> , <b>2018</b> , 49, 312-325.e5	32.3	110
324	Dendritic cells and airway epithelial cells at the interface between innate and adaptive immune responses. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2011</b> , 66, 579-87	9.3	110
323	Consolidative dendritic cell-based immunotherapy elicits cytotoxicity against malignant mesothelioma. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2010</b> , 181, 1383-90	10.2	108
322	Interleukin-21-Producing CD4(+) T Cells Promote Type 2 Immunity to House Dust Mites. <i>Immunity</i> , <b>2015</b> , 43, 318-30	32.3	107
321	Dendritic cell subsets and immune regulation in the lung. <i>Seminars in Immunology</i> , <b>2005</b> , 17, 295-303	10.7	105
320	Mechanisms of the Development of Allergy (MeDALL): Introducing novel concepts in allergy phenotypes. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 139, 388-399	11.5	103
319	Terminal NK cell maturation is controlled by concerted actions of T-bet and Zeb2 and is essential for melanoma rejection. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 2015-25	16.6	102
318	Proinflammatory bacterial peptidoglycan as a cofactor for the development of central nervous system autoimmune disease. <i>Journal of Immunology</i> , <b>2005</b> , 174, 808-16	5.3	101
317	Essential role of dendritic cell CD80/CD86 costimulation in the induction, but not reactivation, of TH2 effector responses in a mouse model of asthma. <i>Journal of Allergy and Clinical Immunology</i> , <b>2004</b> , 114, 166-73	11.5	98
316	Inhaled iloprost suppresses the cardinal features of asthma via inhibition of airway dendritic cell function. <i>Journal of Clinical Investigation</i> , <b>2007</b> , 117, 464-72	15.9	98
315	Cellular and molecular synergy in AS01-adjuvanted vaccines results in an early IFN $\gamma$ response promoting vaccine immunogenicity. <i>Npj Vaccines</i> , <b>2017</b> , 2, 25	9.5	97
314	Monocyte-derived dendritic cells induce a house dust mite-specific Th2 allergic inflammation in the lung of humanized SCID mice: involvement of CCR7. <i>Journal of Immunology</i> , <b>2002</b> , 169, 1524-34	5.3	97
313	ARIA 2016: Care pathways implementing emerging technologies for predictive medicine in rhinitis and asthma across the life cycle. <i>Clinical and Translational Allergy</i> , <b>2016</b> , 6, 47	5.2	95
312	MACVIA clinical decision algorithm in adolescents and adults with allergic rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 138, 367-374.e2	11.5	95
311	Cytokine targets in airway inflammation. <i>Current Opinion in Pharmacology</i> , <b>2013</b> , 13, 351-61	5.1	93
310	The emerging role of ADAM metalloproteinases in immunity. <i>Nature Reviews Immunology</i> , <b>2018</b> , 18, 745-758	36.5	92

309	IRF8 Transcription-Factor-Dependent Classical Dendritic Cells Are Essential for Intestinal T Cell Homeostasis. <i>Immunity</i> , <b>2016</b> , 44, 860-74	32.3	91
308	A gammaherpesvirus provides protection against allergic asthma by inducing the replacement of resident alveolar macrophages with regulatory monocytes. <i>Nature Immunology</i> , <b>2017</b> , 18, 1310-1320	19.1	90
307	Microbiota-derived peptide mimics drive lethal inflammatory cardiomyopathy. <i>Science</i> , <b>2019</b> , 366, 881-886	39.3	90
306	Ontogeny of myeloid cells. <i>Frontiers in Immunology</i> , <b>2014</b> , 5, 423	8.4	89
305	Cholera toxin B suppresses allergic inflammation through induction of secretory IgA. <i>Mucosal Immunology</i> , <b>2009</b> , 2, 331-9	9.2	89
304	Immunotherapy of murine malignant mesothelioma using tumor lysate-pulsed dendritic cells. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2005</b> , 171, 1168-77	10.2	89
303	Immunologists getting nervous: neuropeptides, dendritic cells and T cell activation. <i>Respiratory Research</i> , <b>2001</b> , 2, 133-8	7.3	89
302	Asthma: the importance of dysregulated barrier immunity. <i>European Journal of Immunology</i> , <b>2013</b> , 43, 3125-37	6.1	88
301	Lipopolysaccharide-induced suppression of airway Th2 responses does not require IL-12 production by dendritic cells. <i>Journal of Immunology</i> , <b>2003</b> , 171, 3645-54	5.3	88
300	An essential role for dendritic cells in human and experimental allergic rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , <b>2006</b> , 118, 1117-25	11.5	87
299	The interplay of dendritic cells, Th2 cells and regulatory T cells in asthma. <i>Current Opinion in Immunology</i> , <b>2004</b> , 16, 702-8	7.8	86
298	Dendritic cells and the regulation of the allergic immune response. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2005</b> , 60, 271-82	9.3	85
297	The transcription factor Zeb2 regulates development of conventional and plasmacytoid DCs by repressing Id2. <i>Journal of Experimental Medicine</i> , <b>2016</b> , 213, 897-911	16.6	84
296	Activated protein C inhibits bronchial hyperresponsiveness and Th2 cytokine expression in mice. <i>Blood</i> , <b>2004</b> , 103, 2196-204	2.2	83
295	Development of conventional dendritic cells: from common bone marrow progenitors to multiple subsets in peripheral tissues. <i>Mucosal Immunology</i> , <b>2017</b> , 10, 831-844	9.2	82
294	Peroxisome proliferator-activated receptor gamma inhibits the migration of dendritic cells: consequences for the immune response. <i>Journal of Immunology</i> , <b>2003</b> , 170, 5295-301	5.3	78
293	Imaging regulatory T cell dynamics and CTLA4-mediated suppression of T cell priming. <i>Nature Communications</i> , <b>2015</b> , 6, 6219	17.4	77
292	Enforced expression of GATA-3 in transgenic mice inhibits Th1 differentiation and induces the formation of a T1/ST2-expressing Th2-committed T cell compartment in vivo. <i>Journal of Immunology</i> , <b>2001</b> , 167, 724-32	5.3	77



291	Structure and antagonism of the receptor complex mediated by human TSLP in allergy and asthma. <i>Nature Communications</i> , <b>2017</b> , 8, 14937	17.4	76
290	Spontaneous Protein Adsorption on Graphene Oxide Nanosheets Allowing Efficient Intracellular Vaccine Protein Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 1147-55	9.5	76
289	Activation of the D prostanoid receptor 1 regulates immune and skin allergic responses. <i>Journal of Immunology</i> , <b>2004</b> , 172, 3822-9	5.3	76
288	The balance between plasmacytoid DC versus conventional DC determines pulmonary immunity to virus infections. <i>PLoS ONE</i> , <b>2008</b> , 3, e1720	3.7	76
287	Surface-engineered polyelectrolyte multilayer capsules: synthetic vaccines mimicking microbial structure and function. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 3862-6	16.4	75
286	Nanoparticle-Conjugate TLR7/8 Agonist Localized Immunotherapy Provokes Safe Antitumoral Responses. <i>Advanced Materials</i> , <b>2018</b> , 30, e1803397	24	75
285	Role of B Cell-Activating Factor in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2015</b> , 192, 706-18	10.2	73
284	CLEC-2 signaling via Syk in myeloid cells can regulate inflammatory responses. <i>European Journal of Immunology</i> , <b>2011</b> , 41, 3040-53	6.1	71
283	Presence of substance P and neurokinin 1 receptors in human sputum macrophages and U-937 cells. <i>European Respiratory Journal</i> , <b>1999</b> , 14, 776-82	13.6	71
282	Selective control of SIRP-alpha-positive airway dendritic cell trafficking through CD47 is critical for the development of T(H)2-mediated allergic inflammation. <i>Journal of Allergy and Clinical Immunology</i> , <b>2009</b> , 124, 1333-42.e1	11.5	70
281	Airway eosinophils accumulate in the mediastinal lymph nodes but lack antigen-presenting potential for naive T cells. <i>Journal of Immunology</i> , <b>2003</b> , 171, 3372-8	5.3	70
280	Dendritic cells in asthma: a function beyond sensitization. <i>Clinical and Experimental Allergy</i> , <b>2005</b> , 35, 1125-34	4.1	70
279	The basic immunology of asthma. <i>Cell</i> , <b>2021</b> , 184, 1469-1485	56.2	69
278	A dissociated glucocorticoid receptor modulator reduces airway hyperresponsiveness and inflammation in a mouse model of asthma. <i>Journal of Immunology</i> , <b>2012</b> , 188, 3478-87	5.3	68
277	Allergen-induced changes in bone-marrow progenitor and airway dendritic cells in sensitized rats. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>1999</b> , 20, 1165-74	5.7	68
276	Are allergic multimorbidities and IgE polysensitization associated with the persistence or re-occurrence of foetal type 2 signalling? The MeDALL hypothesis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 70, 1062-78	9.3	66
275	NLRP3/caspase-1-independent IL-1beta production mediates diesel exhaust particle-induced pulmonary inflammation. <i>Journal of Immunology</i> , <b>2011</b> , 187, 3331-7	5.3	66
274	Lentiviral gene therapy of murine hematopoietic stem cells ameliorates the Pompe disease phenotype. <i>Blood</i> , <b>2010</b> , 115, 5329-37	2.2	66

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